

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	"5491393".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/29 07:58
S1	381313	zone.ab.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/08/28 16:05
S2	4451723	state	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/08/28 16:05
S3	6037698	memory or stor\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/08/28 16:05
S4	3271467	motor	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/08/28 16:06

S5	118651	commutat\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/08/28 16:06
S6	2443901	frequency	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/08/28 16:07
S7	55377	phase adj3 angle	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/08/28 16:08
S8	13636	(brushless adj2 motor).ab.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/08/28 16:08
S9	0	S1 and S3 and S5 and S6 and S7 and S8	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/08/28 16:09
S10	62	S1 and S8	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/08/28 16:09

S11	278	electromagnetic adj energ\$5 adj field	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/08/28 16:42
S12	0	S8 and S11	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/08/28 16:50
S13	5158779	zone or state	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/08/28 16:50
S14	629	S8 and S13 and "318"/\$.cols.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/08/28 16:50
S15	107	S7 and S14	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/08/28 16:51
S16	48	S5 and S15	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/08/28 16:51

S17	10579	rotat\$3 adj frequency	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/08/28 17:05
S18	1	S16 and S17	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/08/28 17:06
S19	3	S15 and S17	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/08/28 17:08
S20	1	"5677605".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/08 10:46
S21	47	("3349315"   "3678358"   "3750003"   "4276588"   "4301496"   "4546293"   "4585986"   "4594649"   "4594650"   "4608527"   "4626715"   "4742208"   "4745537"   "4751438"   "4754385"   "4768141"   "4805079"   "4835448"   "4926302"   "4937725"   "5192887").PN. OR ("5677605").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/08 10:49
S22	1	"6362582".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/08 11:50
S23	5	("4959598"   "5232052"   "5289560").PN. OR ("6362582").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/08 11:51
S24	1	"6570353".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/08 11:54

S25	15	("3621358"   "4752724"   "4758768"   "4978895"   "5012167"   "5374880"   "5491393"   "5663618"   "5757152"   "5801500"   "5835992").PN. OR ("6570353").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/08 12:44
S26	7	("5001405"   "5028852"   "5455885"   "5530326"   "6570353"   "6946808"   "7071640").PN. OR ("7334854").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/08 12:59
S27	1	"6838841".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/08 13:23
S28	9	("3794931"   "4527102"   "5296789"   "5457366"   "6191966"   "6333610"   "6362582"   "6362590"   "6556461").PN. OR ("6838841").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/08 13:33
S29	20	("4364004"   "4922169"   "5254914"   "5744921"   "5783917"   "5969491").PN. OR ("6512341").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/08 13:37
S30	55450	phase adj3 angle	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/09/08 16:06
S31	13642	(brushless adj2 motor).ab.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/09/08 16:06
S32	5163918	zone or state	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/09/08 16:06

S33	630	S31 and S32 and "318"/\$.cls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/09/08 16:06
S34	107	S30 and S33	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/09/08 16:06
S35	2	"7081726".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/09/08 16:07
S36	5165530	zone or state	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/09/09 16:09
S37	6045017	memory or stor\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/09/09 16:09
S38	281	electromagnetic adj energ\$5 adj field	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/09/09 16:09

S39	10592	rotat\$3 adj frequency	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/09/09 16:10
S40	13643	(brushless adj2 motor).ab.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/09/09 16:10
S41	84184	PWM or Pulse adj Width adj Modulation	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/09/09 16:11
S42	0	S36 and S37 and S38 and S39 and S40 and S41	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/09/09 16:11
S43	0	S36 and S37 and S38 and S39 and S40	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/09/09 16:11
S44	0	S36 and S38 and S39 and S40	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/09/09 16:11

S45	19	S36 and S39 and S40	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/09/09 16:12
S46	1	"20070114961"	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/09 16:48
S47	1	"20060132076"	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/09 16:50
S48	1	"7145303".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/09 16:55
S49	12	("3659168"   "4276504"   "4565957"   "4574340"   "5229698"   "5457374"   "5530326"   "5739651"   "5808440"   "6703449"   "6717380"   "6949908"). PN. OR ("7145303").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/09 17:03
S50	12	("3659168"   "4276504"   "4565957"   "4574340"   "5229698"   "5457374"   "5530326"   "5739651"   "5808440"   "6703449"   "6717380"   "6949908"). PN. OR ("7145303").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/09 17:03
S51	20	("3387195"   "3568022"   "3584276").PN. OR ("3659168").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/09 17:04
S52	12	("3659168"   "4276504"   "4565957"   "4574340"   "5229698"   "5457374"   "5530326"   "5739651"   "5808440"   "6703449"   "6717380"   "6949908"). PN. OR ("7145303").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/09 17:04
S53	2147877	(zone or state).ab.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/09/26 14:37



S54	2458184	frequency	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/09/26 14:38
S55	55653	phase adj3 angle	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/09/26 14:38
S56	13726	(brushless adj2 motor).ab.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/09/26 14:38
S57	3	(commutat\$4 adj angle) same (function near5 frequency)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/09/26 14:40
S58	314	(energiz\$3 adj field) same (sone or state)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/09/26 14:42
S59	384	(energiz\$3 adj field) same (zone or state)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/09/26 14:43

S60	0	S53 and S54 and S56 and S59	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/09/26 14:43
S61	0	S54 and S56 and S59	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/09/26 14:43
S62	0	S56 and S59	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/09/26 14:46
S63	138	S53 and S54 and S56	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/09/26 15:00
S64	1026	S53 and S56	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/09/26 15:27
S65	107152	"318"/\$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/09/26 15:27

S66	95	S64 and S65	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/09/26 15:27
S67	13745	(brushless adj2 motor).ab.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/09/28 11:29
S68	1385	318/700,400.14,400.38,773.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/09/28 11:52
S69	13745	(brushless adj2 motor).ab.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/09/28 13:23
S70	5190305	zone or state	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/09/28 13:23
S71	635	S69 and S70 and "318"/\$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/09/28 13:23

S72	15	("3691438"   "3831073"   "4447771"   "4633150"   "5193146"   "5592058"   "5729102"   "5850130"   "6049182"   "6081087"   "6091216"   "6218748"   "6388416"   "6392854"   "6541939").PN. OR ("7417390").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/28 13:44
S73	17	("3931553"   "4354145"   "4633149"   "5216339"   "5245238"   "5334898"   "5394321"   "5448141"   "5614799").PN. OR ("6049149").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/28 14:21
S74	1712	318/254.1,715,716,719,720,721,723.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/09/28 14:58
S75	118933	commutat\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/09/28 14:58
S76	2459166	frequency	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/09/28 14:58
S77	2784526	angle	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/09/28 14:59

S78	126	S67 and S70 and S75 and S76 and S77	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/09/28 14:59
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